

ZAKHAROVA-ATABEKYAN, L.V.

Revision of the classification of the Globotruncanidae and a  
proposal for a new genus Planogyrina gen.nov. Dokl. AN Arm SSR 32  
no.1 '61. (MIRA 14:3)

1. Predstavleno chlenom-korrespondentom AN Armyanskoy SSR A.A.  
Gabriyelyanom.

(Foraminifera, Fossil)

ZAKHAROVA-ATABEKYAN, L.V.

Conflicting opinions on the borders of some stages in the  
upper Cretaceous. Trudy VNIGNII no.29:230-232 vol.3 '61.  
(MIRA 14:9)

(Geology, Stratigraphic)

RIENGARTEN, Vladimir Pavlovich (1882-1964); ZAKHAROVA-ATABEKYAN,  
L.V., otv. red.

[Key sections of Upper Cretaceous sediments in Daghestan]  
Opornye razrezy verkhnemelovykh otlozhenii Dagestana. Mo-  
skva, Nauka, 1965. 98 p. (MIRA 18:9)

ZVIAGINTSEV, O.Ye.; ZAKHAROV-NARTSISSOV, O.I.

Distribution of cyanoauric (I) acid between aqueous solutions  
and some alcohols and ketones. Zhur.neorg.khim. 5 no.1:124-130  
Ja '60. (MIRA 13:5)

1. Moskovskiy ordena Lenina khimiko-tekhnologicheskii  
institut im. D.I.Mendeleeva.  
(Cyanoauric acid)

ZVYAGINTSEV, O.Ye.; ZAKHAROV-MARTISSOV, O.I.; OCHKIN, A.V.

Solvation and polymerization of cyanoauric acid in aqueous solutions. Zhur.neorg.khim. 5 no.1:131-138 Ja '60.  
(MIRA 13:5)

1. Moskovskiy ordena Lenina khimiko-tehnologicheskii institut  
im. D.I.Mendeleeva.  
(Cyanoauric acid)

SHERLE, Z., dotsent; ZAKHARTSEV, V., inzh.; GLADSHEV, A., inzh.

Transportation of phosphate meal. Rech. transp. 24 no.7:  
16-18 '65. (MIRA 18;8)

1. Gor'kovskiy institut inzhenerov vodnogo transporta (for  
Gladyshev).

KIMEL'NITSKAYA, Vera Vladimirovna; FEDIN, P.Ye., otv. red.;  
ZAKHARUTINA, G., red.

[Group system of raising dam-suckled calves in the Maritime  
Territory] Podsosno-gruppovoe vyrashchivanie molodniaka v  
Primorskom krae. Vladivostok, Primorskoe knizhnoe izd-vo,  
1962. 37 p. (MIRA 17:4)

ZAKHARYAN, A.

Mechanize the loading, unloading and stacking operations in  
Armenia. Proc. Arm. 5 no. 6: 24-28 Je '62. (MIRA 15:7)  
(Armenia—Materials handling)



ZAKHARYAN, A.

Improve atmospheric air purification from industrial  
pollution. Prom.Arm. 5 no.10:16-18 0 '62. (MIRA 15:11)

1. Gosudarstvennyy kontrol' Armyanskoy SSR.  
(Armenia--Air--Purification)

ZAKHARYAN, A., inzh.

Labor productivity and potentialities for its increase in  
enterprises of the Armenian Economic Council. Prom. Arm.  
4 no.10:13-17 0 '61. (MIRA 14:11)

(Armenia--Labor productivity)

ZAKHARYAN, A., inzh.

Improve the quality of electric fittings and appliances for  
public consumption. Prom.Arm. 4 no.3:11-14 Mr '61.

(MIRA 14:6)

(Armenia—Electric apparatus and appliances)

ZAKHARYAN, A.B.

Some indices of the peripheral blood under the conditions of  
Mount Aragats. Dokl. AN Arm. SSR 36 no.1:59-66 '63.  
(MIRA 17:1)

1. Fizicheskiy institut AN Armyanskoy SSR. Predstavleno  
akademikom AN Armyanskoy SSR G.Kh. Bunyatyanom.

- ZAKHARYAN, D. P. ....

DEMIRCHOGLYAN, G.G.; ZAKHARYAN, A.P.

Effect of electric (pain) stimulation of the skin on the functional properties of the retina. Dokl. AN Arm. SSR 18 no.4:125-128 '54.

(MIRA 8:3)

1. Institut fiziologii Akademii nauk Armyanskoy SSR. Predstavleno G.Kh. Banyatyanom.

(Retina) (Receptors (Neurology))

ZAICHARYAN, A.P.

Excretory processes in the stomach of irradiated dogs operated on by Pavlov's and Heidenhain's methods. Izv. AN Arm. SSR. Biol. nauki 17 no.10:85-92 0 '64. (MIRA 18:8)

1. Kafedra fiziologii cheloveka i zhivotnykh biologicheskogo fakul'teta Yerevanskogo gosudarstvennogo universiteta.

PAJYAN, K. A. ; ZAKHARYAN, A. S.

Use of electric power in the national economy of the Armenian S.S.R.  
Prom. energ. 15 no.10:1-3 0 '60. (MIRA 13:11)  
(Armenia--Electric power)

N L 11582-66 EWT(m)/EWP(j) DJ/RM  
 ACC NR: AP5028888 SOURCE CODE: UR/0316/65/000/004/0003/0005  
 AUTHOR: Akhmedzade, D. A.; Yasnopol'skiy, V. D.; Zakharyan, A. S.; Hagerramova, A. D.  
 ORG: INKhP AN AzerbSSR  
 TITLE: Thickening of low viscosity lubricating oils by the addition of polypropylene with low molecular weight  
 SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 4, 1965, 3-5  
 TOPIC TAGS: lubricant, lubricant property, ~~fuel and lubricant additive~~, lubricant viscosity, polyisobutylene, polypropylene plastic, synthetic material, lubricant additive, viscosity additive  
 ABSTRACT: The possibility of replacing polyisobutylene by low molecular weight polypropylene as a thickening additive for lubricating oils is examined. The polyisobutylene and polypropylene used in this study had a molecular weight of 20,000. The polypropylene was a by-product of propylene polymerization and was extracted with normal pentane at low and high temperatures. Thickening effectiveness was examined by mixing 3% polymer additive with MK-8 commercial grade lubricating oil and 5% polymer additive with "L" commercial turbine oil. The results (viscosity, viscosity index, induction period, etc.) indicate that the by-product polypropylene is equivalent to polyisobutylene as a thickening additive for commercial lubricating oils. Orig. art. has: 3 tables.  
 SUB CODE: 11/ SUBM DATE: 21Jul64/ ORIG REF: 003/ OTH REF: 000  
 Card 1/1 HW



AKHMEDZADE, D.A.; YASNOPOL'SKIY, V.D.; ZAKHARYAN, A.S.; MAGERRAMOVA, A.D.

Thickening of low viscosity lubricating oils with low molecular polypropylene. Azerb.khim.zhur. no.4:3-5 '65.

(MIRA 18:12)

1. Institut neftekhimicheskikh protsessov AN AzSSR. Submitted July 21, 1964.

ZAKHARYAN, A.V.

Preparation for and conduction of mass smallpox vaccination in Iraq  
with aid from the Soviet Union. Vop. virus. 6 no.6:733-735 N-D '61.  
(MIRA 15:2)

1. Sanitarno-epidemiologicheskoye upravleniye Ministerstva zdavo-  
okhraneniya Armyanskoy SSR, Yerevan.  
(IRAQ SMALLPOX PREVENTION) (MEDICAL ASSISTANCE, RUSSIAN)

ZAKHARYAN, G. A.

ZAKHARYAN, G. A. -- "Types of Peat Deposits in Armenia and Their Geological Occurrence." Min Higher Education USSR. Moscow Peat Inst. Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

ZAKHARYAN, G. H.

# Def. at Tbilisi State U.

980. (аналогично) республиканский институт повышения квалификации работников (Институт повышения квалификации работников). 1949. 3, 292 [2] с. Ардон. 23. 11. 1949. 216 с. Ардон. 7 апр. 37 апр. 1949. 11. 6.  
 981. Записки Глеба Агеева. Ардон. 1949. 11. 6.  
 982. Географический институт при Академии наук Грузии. 1949. 143 с. 11 апр. 1949. 11. 6.  
 983. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 984. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 985. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 986. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 987. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 988. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 989. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 990. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 991. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 992. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 993. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 994. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 995. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 996. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 997. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 998. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 999. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1000. Ученые труды Академии наук Грузии. 1949. 25. 2.

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1000. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1001. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1002. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1003. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1004. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1005. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1006. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1007. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1008. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1009. Ученые труды Академии наук Грузии. 1949. 25. 2.  
 1010. Ученые труды Академии наук Грузии. 1949. 25. 2.

ZAKHARYAN, G.P., kand.tel'skokhozyaystvennykh nauk

Increasing the nutrition of straw and other feeds by chemical treatment and its effect on the productivity of farm animals.

Trudy Arm. nauch.-issl. inst.zhiv. i vet. 4:71-80 '60.

(MIRA 15:5)

(Straw as feed) (Minerals in food)

22286

S/152/61/000/004/009/009  
B126/B219

15 5540 2205 1372

AUTHORS: Mekhtiyev, S. D., Akhmedzade, D. A., Yasnopol'skiy, V. D.,  
Zakharyan, G. S.

TITLE: The action of sulfuric acid on dinitrile of terephthalic acid

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, no. 4,  
1961, 121-122

TEXT: The authors learned from patent literature (Ref.2, Magat E.,  
Chem. Abs., v. 47, no. 10, 5129, 1953) that on treatment with sulfuric  
acid, equimolecular quantities of the dinitriles of aliphatic and aromatic  
acids with dissecondary alcohols form polyamides suitable for fiber  
preparation. It was therefore decided to test this method in the reaction  
of terephthalic nitrile with ethylene glycol. The experiment was carried  
out according to the instructions of the patent, i.e. 1 g terephthalic  
nitrile and 1.5 g ethylene glycol were filled into a flask, and then 9 g  
concentrated sulfuric acid were added. After 24 hr, the acid was poured  
into ice water, the polymeric precipitate was rinsed and air-dried. A  
white powdery substance was obtained which neither melted nor softened up

Card 1/2

22286

S/152/61/000/004/009/009  
B126/B219

The action of sulfuric...

to 305°C. An analysis gave a composition of 67.20% C; 4.51% H; 19.10% N. Experiments without ethylene glycol yielded similar substances, which indicates that ethylene glycol does not participate in the formation of these substances and that the latter originate from the action of sulfuric acid on the dinitrile. The properties and composition of the substance permit concluding that it is a highly molecular polymerization product. Through the action of sulfuric acid, the hydration of only one nitrile group took place first:  $\text{NC} - \text{C}_6\text{H}_4 - \text{CN} + \text{H}_2\text{O} \rightarrow \text{NC} - \text{C}_6\text{H}_4 - \text{CONH}_2$ , and afterwards the polymerization of the obtained amidonitrile. The partial hydrolysis of dinitrile had been observed before by M. N. Bogdanov as well as by Ye. N. Zil'berman and A. Ye. Kulikova. There are 6 references: 5 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: Magat E.Chem.Abs., v. 47, no. 10, 5129 (1953).

ASSOCIATION: Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova i INKhP AN Azerbaydzhanskoy SSR (Azerbaydzhan Institute of Petroleum and Chemistry imeni M. Azizbekov and INKhP AS Azerbaydzhan SSR)

SUBMITTED: February 15, 1961  
Caru 2/2

USSR/Farm Animals - Cattle

Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69319

Author : Zakharyan, G.P., Avakyan, Z.L.

Inst : Armenian Scientific Research Institute of Animal  
Husbandry and Veterinary Medicine

Title : On the Mineral Feed Supplementation of Lactating Cows  
during the Pasture Period

Orig Pub : Byul. nauchno-tekhn. inform. Arm. n.-i. in-ta zhivotno-  
vodstva i veterinarii, 1957, No 1, 7-11

Abstract : One group of cows received from 55 to 100 g of carbide  
slime per head, daily, in addition to pasture and con-  
centrates, and another group served as a control. It  
was found that mineral supplementation in the 1st group  
improved the character of the lactation curve.

Card 1/1



USSR/Farm Animals - Small Horned Stock

Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69344

Author : Zakharyan, G.P., Arutyunyan, V.A., Davtyan, G.G.

Inst : Armenian Scientific Research Institute of Animal Husbandry and Veterinary Medicine

Title : Utilization of Tobacco Stems as Feed for Farm Animals

Orig Pub : Tr. Arm. n.-i. in-ta zhivotnovodstva i veterinarii, 1957, 2, 143-152

Abstract : It was established that tobacco stems by their chemical composition are close to basic silage crops and ensile well. Feeding them to pregnant and nursing ewes, 1-1.5 kg per head, daily, had no harmful effect. The content of alkaloids in the silage diminished 2-2.5 times as compared with initial raw material, and the treatment of silage with carbide slime reduces their content 3-7 times.

Card 1/1

ZAKHARYAN, G.P.

Increasing the nutritive value of straw and concentrated feeds by chemical and biological treatment and its effect on the productivity of farm animals. Dokl. AN Arm. SSR 11 no.2:73-80 '49. (MIRA 9:10)

1. Institut shivetsnoyedstva Akademii nauk Armyanskoy SSR, Yerevan.  
Predstavlena S.K. Karapetyanov.  
(Feeding and feeding stuffs) (Chemical industries--By-products)

ZAKHARYAN, Kh.A.

Data on the nutrition and economical significance of the fox in the  
Armenian S.S.R. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 4 no. 5:  
459-471 '51. (MLBA 9:8)

1. Institut fitopatologii i zoologii Akademii nauk Arayanskoy SSR.  
(Armenia--Foxes)

DAL', S.K.; ZAKHARYAN, Kh.A.

Survey of the populations of main rodent pests of agricultural crops.  
Izv.AN Arm.SSR.Biol.i sel'khoz.nauki 4. no.8:757-763 '51.(MLRA 9:8)

1. Institut fitopatologii i zoologii Akademii nauk Armyanskoy SSR.  
(Armenia--Rodentia)

ZAKHARYAN, Kh. A.

"Animal kingdom of Armenia." Pt. 1: Vertebrates. S.K. Dal'.

Reviewed by Kh. A. Zakharian. Izv.AN Arm.SSR.Biol.i sel'khoz.  
nauki 8 no.2:107-110 F '55.

(MLRA 9:8)

(Armenia--Vertebrates)

(Dal', S.K.)

ZAKHARYAN, Kh.A.

Some problems in the reproduction of the plateau vole. Izv. AN Arm.  
SSR. Biol. i sel'khoz. nauki 10 no.9:107-111 8 '57. (MLRA 10:11)  
(Armenia--Field mice)

ZAKHARYAN, Kh.A., Cand Bio Sci--(diss) <sup>("The tail-land field mouse")</sup> ~~(Microtus socialis schid-~~  
lovskii Arg.) in the Armenian SSR. (Biology and <sup>(control)</sup> ~~measures~~) of ~~com-~~  
~~bating it~~." Yerevan, 1958. 21 pp (Saratov State U in N.G.  
Chernyshevskiy), 150 copies (KL, 30-58, 125)

-47-

<sup>110</sup>  
ZAKARYAN, Kh.A.

Systematics of *Microtus guentheri schidlovskii* Arg. Dokl. AN Arm.  
SSR 26 no.2:125-128 '58. (MIRA 11:5)

1. Zoologicheskiy institut Akademii nauk Armyanskoy SSR. Predstavleno  
G. Kh. Bunyatyanom.  
(Armenia--Field mice)



ZAKHAR'YAN, M.

Intensifying photographic images by the use of a mirror. Izv.  
AN Turk. SSR no.5:151 '57. (MIRA 10:10)

1. Institut fiziki i geofiziki AN Turkmenskoy SSR.  
(Astronomical photography)

L 39928-06 EMT(M) RM

ACC NR: AP6029377

SOURCE CODE: UR/0427/66/019/002/0071/0078

AUTHOR: Zakharyan, R. A.; Bayev, A. A.

ORG: Institute of Molecular Biology, AN SSSR, Moscow (Institut molekulyarnoy biologii AN SSSR)

TITLE: Analytic column chromatography of preparations of transport RNA<sup>1</sup>

SOURCE: Biologicheskii zhurnal Armenii, v. 19, no. 2, 1966, 71-78

TOPIC TAGS: chromatographic analysis, RNA, mouse, rat, biochemistry, liver

ABSTRACT: Methacrylic acid and aminoethyl cellulose columns were tested with good results in measuring the high-polymer RNA ingredient in preparations of transport RNA (tRNA). The phenol-cetavlon (cetyltrimethyl-ammonium bromide) method was found suitable for obtaining tRNA from the liver of mice and rats. High polymer RNA ingredients of tRNA preparations were not detected by chemical methods. Both columns made it possible to detect reliably the high-polymer RNA ingredients in tRNA preparations. Fractionation with 1 M NaCl yields tRNA preparations free of high polymer RNA, which may run as high as 15% in tRNA preparations obtained from yeasts. Orig. art. has: 4 figures. [JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 06Sep65 / ORIG REF: 007 / OTH REF: 008

Card 1/1

OGANESYAN, S.Z., kand.mod.nauk; SARKISYAN, Yo.Kh., kand.mod.nauk;  
ZAKHARYAN, R.M.

Diagnostic value of impressions in integumentary cancer. Vop.  
rent.i onk. 6:325-328 '61. (MIRA 16:2)  
(CANCER—DIAGNOSIS)

ZAKHARYAN, R. O.

Zakharyan, R. O.

"Errors in Grinding Spiral Drills and Their Effect on the Drilling Process."  
Min Higher Education USSR. Yerevan Polytechnic Inst imeni K. Marks. Yerevan, 1955.  
(Dissertations for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis', No 27, 2 July 1955

ZAKHARYAN, R.O.

Errors in grinding and setting of spiral drills. Sbor.nauch.  
trud. BrPi no.10:53-71 '56. (MLBA 9:12)

1. Kafedra tekhnologii mashinostroyeniya Yerevanskogo politekh-  
nicheskogo instituta.  
(Drilling and boring)

ZAKHARYAN, Ruben Ogenesovich; ARUTYUNYAN, S.B., red.; GALSTYAN, V.,  
tekh.n.red.

[Probability calculations in the selection of fits for mated  
machine parts] Veroyatnostnye raschety pri vybore posadok v  
sopriazheniyakh mashin. Erevan, Aipetrat, 1962. 58 p.  
(MIRA 15:12)

(Machinery--Design)

DAVYDOV, B.E.; ZAKHARYAN, R.Z.; KARPACHEVA, G.P.; KRENTSEL', B.A.;  
LAPITSKIY, G.A.; KHUTAREVA, G.V.

Disarrangement of coplanarity and conjugation in crystal-  
forming polymers. Dokl. AN SSSR 160 no.3:650-653 Ja '65.  
(MIRA 18:3)

1. Institut neftekhimicheskogo sinteza im. A.V. Topchiyeva  
AN SSSR. Submitted July 14, 1964.

LINITSKAYA, L., inzh.; ZAKHARYAN, S., inzh.

Eliminate substantial shortcomings in the textile industry of the Republic. Prom.Arm. 7 no.1:33-36 Ja '64. (MIRA 17:4)



ZAKHAR'YAN, S.T.

~~XXXXXXXXXXXXXXXXXXXX~~

Pavlov's teaching in surgery. Khirurgiia, Moskva No.2:82-84  
Feb 51. (CLML 20:6)

GRIGOR'YEV, N.I.; ZAKHAR'YAN, S.T., redaktor; ROTERMEL', R.P., tekhnicheskii redaktor

[Surgical therapy of nonpenetrating wounds of the heart, the pericardium and the mediastinum] Operativnoe lechenie slepykh ranenii serdtsa, perikarda i sredosteniia. Moskva, Gos. izd-vo med. lit-ry, 1953. 135 p. [Microfilm] (MLRA 7:10)  
(Heart--Surgery)  
(Mediastinum--Surgery)

*ZAKHAR'YAN, S.T.*

DZHANELIDZE, Yu.Yu.; BAKULEV, A.N., redaktor; ZAKHAR'YAN, S.T., redaktor;  
ROTERMEL', R.P., tekhnicheskii redaktor

[Collected works] Sobranie sochinenii. Moskva, Izd-vo Akademii  
meditsinskikh nauk SSSR. Vol.2. [Surgery of the heart and major  
vessels] Khirurgiya serdtsa i krupnykh sosudov. Red. A.N.Bakulev.  
1953. 543 p. (MIRA 10:2)  
(HEART--SURGERY)

MESHALKIN, Yevgeniy Nikolayevich; ZAKHAR'YAN, S.T., redaktor; SENCHILO,  
K.K., tekhnicheskii redaktor

[Catheterisation and contrast study of the heart and main vessels]  
Zondirovanie i kontrastnoe issledovanie serdtsa i magistral'nykh  
sosudov. Moskva, Gos. izd-vo med. lit-ry, 1954. 355 p. (MIRA 7:11)  
(CARDIOVASCULAR SYSTEM--RADIOGRAPHY)

I'VOV, Aleksey Nikolayevich; ZAKHAR'YAN, S.T., redaktor; GLUKHOYEKOVA, G.A.,  
tekhnicheskiy redaktor

[Echinococcus of the lungs and surgical therapy] Echinokokkoz legkikh  
i ego khirurgicheskoe lechenie. Moskva, Gos. izd-vo med. lit-ry,  
1956. 217 p. (MLA 9:7)  
(LUNGS--HYDATIDS)

PRESSMAN, L.P., doktor med. nauk, red.; MAKHOV, N.I., prof. red.;  
ZAKHAR'YAN, S.T., st. nauchn. sotr., red.; DRYK, V.Ye.,  
kand. med. nauk, red.; ZAVRAZHIN, N.M., red.; KAYEVILER,  
I.M., red.; SMIRNOV, B.V., red.; KHUSHTIN, M.A., kand. med.  
nauk, red.

[Problems of practical medicine] Voprosy prakticheskoi me-  
ditsiny; sbornik trudov. Moskva, 1963. 254 p.

(MIRA 17:9)

1. Moscow. Moskovskiy oblastnoy nauchno-issledovatel'skiy  
institut imeni N.F.Vladimirovskogo. 2. Zaveduyushchiy Pervoy  
khirurgicheskoy klinikiy Moskovskogo oblastnogo nauchno-  
issledovatel'skogo klinicheskogo instituta im. N.F.Vladimir-  
skogo (for Makhov).

ZAKHAR'YAN, S.T., kand.med.nauk (Moskva, Moskvorechenskoye p/o, d.102,  
kv.2)

Ligation of the internal thoracic arteries in a patient with stenocardia and stomach cancer. Vest.khir. no.6:107-108 '61.

(MIRA 15:1)

1. Iz 1-y khirurgicheskoy kliniki (zav. - doktor med.nauk  
N.I. Makhov) Moskovskogo oblastnogo nauchno-issledovatel'skogo  
klinicheskogo instituta.

(ANGINA PECTORIS) (STOMACH--CANCER) (THORACIC ARTERY)

ZAKHAR'YAN, S.T., starshiy nauchnyy sotrudnik

Obstruction of the mesenteric vessels (thromboembolic form).  
Khirurgiia no.11:46-53 '61. (MIRA 14:12)

1. Iz 1-go khirurgicheskogo otdeleniya (zav. - doktor med.nauk  
N.I. Makhov) Moskovskogo oblastnogo nauchno-issledovatel'skogo  
instituta imeni M.F. Vladimirovskogo.  
(MESENTERY—BLOOD SUPPLY) (THROMBOSIS)



ZAKHAR'YAN, S.T.

Surgical treatment of coronary insufficiency. Vop. klin. pat.  
no.3:71-77 '61. (MIRA 14:12)

1. Iz I Khirurgicheskoy kliniki (zaveduyushchiy dotsent N.I.Makhov)  
Moskovskogo oblastnogo nauchno-issledovatel'skogo instituta imeni  
M.V.Vladimirovskogo.  
(CORONARY HEART DISEASE)

ZAKHAR'YAN, S.T.

Materials on the surgical treatment of heart wounds. Vop. klin.  
pat. no.3:115-120 '61. (MIRA 14:12)

1. Iz Kclomenskoy bol'nitsy Leninskogo rayona Moskovskoy oblasti.  
(HEART—WOUNDS AND INJURIES)

PANOSYAN, A.K.; ARUTYUNYAN, R.Sh.; AVETISYAN, N.A.; ZAKHARYAN, S.V.

Interrelation between azotobacters and other soil micro-organisms. Izv. AN Arm. SSR. Biol. nauki 15 no.2:13-24 '62.  
(MIRA 15:3)

1. Institut mikrobiologii AN Armyanskoy SSR.  
(AZOTOBACTER)  
(SOIL MICRO-ORGANISMS)

29134-65 EPA(s)-2/ENT(m)/EFF(c)/EWP(j)/T PC-4/Pr-4/Pt-10 RM

ACCESSION NR: AP5005899

6/0020/65/160/003/0650/0653

AUTHOR: Davydov, B. E.; Zakharyen, R. M.; Karpacheva, G. P.; Krentzel', E. A.;  
Lapitskiy, G. A.; Khutareva, G. V.

TITLE: Impairment of coplanarity and conjugation in crystallizing polymers

SOURCE: All SSSR. Doklady, v. 160, no. 3, 1965, 650-653

TOPIC TAGS: crystallization, conjugation, conjugated polymer, organic semiconductor,  
semiconducting polymer, coplanarity

ABSTRACT: A study has been made to determine to what extent crystallization gives rise to conjugation disruption due to impairment of coplanarity in conjugated polymers in the solid phase, and how it affects their optical, paramagnetic, and semiconducting properties. These properties were compared for 32 polyazines and polymeric Schiff bases. It was found that the properties which are typical of conjugated polymers are exhibited to a greater extent by amorphous than by crystalline polymers. Thus, in color, in IR spectra, and in the absence of EPR, crystalline polyazines are similar to their analogs containing O, S, CH<sub>3</sub>, or OCH<sub>3</sub> groups between conjugated segments in the backbone. A similar correlation, but less marked, was in evidence for the polymeric Schiff bases. This effect of crystallinity on con-

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ACCESSION NR: AP5005899

jugated-polymer properties was attributed to the impairment of coplanarity during crystallization. In thermal stability and activation energy for conduction, however, the crystalline polymers were closer to the amorphous ones. The effect of crystallinity on semiconducting properties was interpreted as being determined in each individual case by changes in activation energy due to two competing processes occurring on crystallization: an increase in carrier mobility and a decrease in carrier concentration. Orig. art. has: 1 table. [SM]

ASSOCIATION: Institut neftekhimicheskogo sinteza imeni A. V. Topchiyeva Akademii nauk SSSR (Institute of Petrochemical Synthesis, Academy of Sciences, SSSR)

SUBMITTED: 30Jun64

ENCL: 00

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OTHER: 000

ATD PRESS: 3197

Card 2/2

ZAKHARYAN, V.M., inzh.

Certain problems associated with the testing of small electric  
motors. Vest.elektroprom. 30 no.3:27-30 Mr '59. (MIRA 12:4)  
(Electric motors--Testing)

SOV/110-59-3-6/25

AUTHOR: Zakharyan, V.M., Engineer

TITLE: Some Problems of Procedure in Testing Small Electric Motors (Nekotoryye voprosy metodiki ispytaniya malykh elektrodvigateley)

PERIODICAL: Vestnik Elektromyashlennosti, 1959, Nr 3, pp 27-30 (USSR)

ABSTRACT: In testing small electrical machines problems arise because the power consumption of the measuring instruments used is commensurate with that of the machines. The question is reviewed in this article to overcome the confusion that can arise from the absence of a standardised test procedure. After an elementary discussion of the errors that occur during the simultaneous measurement of voltage, current and power it is stated that when the power of the motor being tested is such that the power consumption of the measuring circuits of either current or voltage can be neglected the measuring circuit with the least power consumption should be connected directly to the terminals of the motor. This method of connection is defined as the minimum consumption circuit. When the measured power is so small

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SOV/110-59-3-6/25

### Some Problems of Procedure in Testing Small Electric Motors

that it is not possible to ignore the power consumption of either of the measuring circuits the criterion for selecting the circuit should be convenience of making corrections for the instrument power consumption. Such a circuit is defined as a circuit with correction. The power consumption of d.c. instruments is so small that motors of a fraction of a watt can be tested without correction. Since current measuring circuits have the least power consumption the minimum consumption circuit will be that shown in Fig.1. The use of this circuit can give rise to considerable errors in the voltage measurement when testing small motors. The motor output below which the use of the minimum consumption circuit gives impermissible errors can be determined from data about the power consumption of current measuring instruments. Some of the necessary data is tabulated by way of example. The tabulated data was used to construct the curves given in Fig.2 which give the instrument power consumption and the voltage drop in current measuring circuits as functions of the motor power. It will be seen that the minimum consumption circuit can be used

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Some Problems of Procedure in Testing Small Electric Motors

when testing motors of more than 120 W provided that the permissible error is 1%. The limitations of this recommendation are stated. Motors of less than 120 W should be tested by means of the circuit with corrections. It is easiest to correct for voltage measurement errors and accordingly the circuit of Fig.3 is recommended. This figure also includes a vector diagram and an expression is given for the error that results from algebraic summation of the voltage and current measuring error. Fig.3 includes a vector diagram and an expression is given to show when the phase angle between the current and voltage must be allowed for. The further precautions that must be taken when motors of very low output and low power factor are tested are then described with reference to the circuit diagram and vector diagram given in Fig.6. Correction formulae are given for this case. Various recently proposed methods of measuring low powers directly or indirectly are very briefly referred to. It is concluded that by classifying the connection diagrams for electrical measuring instruments in testing small electric motors and systematising the procedure of

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SOV/110-59-3-6/25

Some Problems of Procedure in Testing Small Electric Motors

making corrections for the power consumption of the instruments, it is possible to recommend a procedure for testing small motors which, because of its accuracy and simplicity, can be recommended as standard for testing all motors of less than 1 kW. There are 7 figures and 2 Soviet references.

Card 4/4

ZAKHARYAN, V.M., inzh.

Features of the calculation of the magnetic circuit of small electrical machines. Elektrotehnika 34 no.12:62-71 D '63. (MIRA 17:1)

ZAKHARYAN, V.M., inzh.

Certain problems concerning the methodology for testing small  
electric motors. Vest. elektroprom. 31 no.9:60-64 S '60.  
(MIRA 15:5)

(Electric motors--Testing)

ZAKHARYAN, V.M.

SOV/112-58-1-463

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1,  
pp 69-70 (USSR)

AUTHOR: Zakharyan, V. M.

TITLE: Unified Line of Small Electric Motors  
(Yedinaya seriya malykh elektrodvigately)

PERIODICAL: V sb.: Raboty M-va elektrotekhn. prom-sti SSSR po mekhaniz. i  
avtomatiz. nar. kh-va, Z. M., 1956, pp 41-44

ABSTRACT: A unified line of fractional-hp electric motors of 5-600 w has the following rated capacities: 5, 10, 18, 30, 50, 80, 120, 180, 270, 400 and 600 w. The line consists of two sections: (a) squirrel-cage induction motors, three-phase (AOL) and single-phase (AOLB) in 60 types, and (b) commutator motors, including DC shunt motors (PL) and DC-AC motors (UL). Three-phase motors are built for nominal voltages 127/220 and 220/380 v; single-phase, for 127, 220 and 380 v. Three-phase motors are built with rated capacities of 50-400 w with four poles and of 80-600 w with two poles; single-phase, 30-270 w and 50-

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SOV/112-58-1-463

**Unified Line of Small Electric Motors**

400 w, respectively. The motors are of the enclosed-ventilated type. Shunt motors have rated speeds of 1,400 rpm with 50-400 w and 2,700 rpm with 30-600 w. AC-DC motors have 2,700 rpm with 5-400 w (04-08 sizes), 5,000 rpm with 5-400 w (02-07 sizes), and 8,000 rpm with 10-600 w (02-07 sizes). Shunt motors are built for voltages 110-220 v, AC-DC motors for 127 vAC and 110 vDC or for 220 v, AC and DC. They are of the protected type. Manufacture of smaller motors, single-phase from 5 w up and three-phase up to 18 w, is envisaged.

A. G. K.

**AVAILABLE:** Library of Congress

1. Electric motors--Design

Card 2/2

ZAKHARYAN, V.S. (Yerevan)

Uniqueness theorems for certain classes of functions holomorphic  
in a circle. Mat. sbor. 63 no.1:3-22 Ja '64. (MIRA 17:3)

ZAKHARYAN, V.S.; NAZARYAN, E.O.

Complete radial variation of one class of harmonic functions  
Dokl. AN Arm. SSR 41 no.2:65-72 '65. (MIRA 18:11)

1. Institut matematiki i mekhaniki AN ArmSSR i Yerevanskiy  
gosudarstvennyy universitet. Submitted March 11, 1965.



ZAKHARYAN, V.S.

Radial limit values of a class of functions meromorphic in a circle. Izv. AN SSSR. Ser. mat. 27 no.4:801-818 J1-Ag '63. (MIRA 16:8)

1. Yerevanskiy gosudarstvennyy universitet i Institut matematiki i mekhaniki AN Armyanskiy SSR.  
(Functions, Meromorphic)

ZAKHARYAN, V.S.

A uniqueness theorem. Dokl. AN SSSR 154 no.5:1019-1022 F'64.  
(MIRA 17:2)

1. Institut matematiki i mekhaniki AN ArmSSR. Predstavleno  
akademikom V.A. Ambartsunyanom.

ZAKHARYAN, V.S.

Uniqueness theorems for certain classes of functions meromorphic  
in a circle. Dokl. AN Arm. SSR 36 no.1:3-9 '63. (MIRA 17:1)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR.  
Predstavleno akademikom AN Armyanskoy SSR M.M. Dzhrbashyanom.

ZAKHARYAN, V.S.

Some boundary properties of functions analytic in a circle. Dokl.  
AN Arm. SSR 38 no.4:199-206 '64. (MIRA 17:6)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR. Predstavleno  
akademikom AN Armyanskoy SSR M.M.Dzhrbashyanom.

ZAKHARYAN, V.S.

Boundary limit values of a certain class of functions meromorphic  
in a circle. Dokl.AN Arm.SSR 35 no.1:3-11 '62. (MIRA 15:8)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR. Predstavleno  
akademikom AN Armyanskoy SSR M.M.Dzhrbashyanom.  
(Functions, Meromorphic)

ZAKHAR'YAN, Z.S., assistant

Reaction of the cardiovascular system in brucellosis patients  
treated with ultrahigh-frequency electricity. Med.zhur.Uzb.  
no.7:24-28 J1 '58. (MIRA 13:6)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta  
kurortologii i fizioterapii imeni Semashko (nauchnyy rukovo-  
ditel prof. V.M. Faybushevich) i kafedry fakul'tetskoy terapii  
sanitarno-gigiyenicheskogo i pediatricheskogo fakul'tetov  
(zav. - prof. A.S. Melik-Karanyan) Tashkentskogo gosudarst-  
vennogo meditsinskogo instituta.

(BRUCELLOSIS) (CARDIOVASCULAR SYSTEM)  
(ELECTROTHERAPEUTICS)

**ZAKHARYAN, V.S.**

Time for budding fruit crops in the Ararat Valley. Izv. AN Arm. SSR.  
Biol. i sel'khoz. nauki. 5 no. 2: 61-69 '52. (MLBA 9:8)

1. Institut plodovodstva Akademii nauk Armyanskoy SSR.  
(ARARAT REGION--FRUIT CULTURE) (BUDDING)

1. BAL'YAN, G. A.; ZAKHARYAN, V. V.
2. USSR (600)
4. Cattle - Feeding and Feeding Stuffs
7. Organizing rotation lot pasturing on the Molotov Collective Farm, Korm. baza, 3, No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.



ZAKHAR'YAN, Z.S., assistant

Cardiovascular system in brucellosis patients treated with X rays.  
Med.zhur.Uzb. no.1:28-33 Ja '59, (MIRA 13:2)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta kurortologii i fizioterapii imeni N.A. Semashko (direktor - dotsent Ya.K. Maminov, nauchnyy rukovoditel' - prof. V.N. Faybushevich) i kafedry fakul'tetskoy terapii sanitarno-gigiyenicheskogo in pediatricheskogo fakul'tetov (zaveduyushchiy - prof. A.S. Melik-Karamyan) Tashkentskogo gosudarstvennogo meditsinskogo instituta.

(CARDIOVASCULAR SYSTEM--DISEASES) (BRUCELLOSIS) (X RAYS)

ZAKHAR'YAN, Z. S., Cand of Med Sci -- (diss) " Cardio-vascular System  
in Frucellōsis Patients, Treated by X-ray and Electrical Field UVCh.  
(Clinical-Electrocardiographic Data)," Tashkent, 1959, 15 pp  
(Tashkent State Medical Institute) (KL 4-60, 124)

SHAKESUVARYAN, L.V.; ZAKHARYAN, Zh.V.

Durability and deformability of a single-layer masonry  
of tuff stones with regular shape. Izv.AN Arm.SSR.Ser.tokh.  
nauk 15 no.5:67-76 '62. (MIRA 15:12)  
(Volcanic ash, tuff, etc.)  
(Masonry)

ZAKHAR'YANTS, I. L.

1. Direction of action of invertase in some plants of the desert  
Kryz. 1954. I. L. Zakhar'yants. Trudy Inst. Botan. Akad. Nauk  
USSR, No. 1430. The direction of action of invertase in  
plants of the desert is studied under natural growth conditions.  
2. Invertase in desert plants of different ecological groups was  
studied under natural growth conditions. M. 1954.

ЗАХАР'ЯНТС, I L.

Some peculiarities of carbohydrate metabolism in black and white Haloxylon. I. L. Zakhar'yants. *Doklady Akad. Nauk Uzbek. S.S.R.* 1953, No. 7, 36-8; *Referat. Zhur., Khim.* 1954, No. 10530. — The difference in carbohydrate metabolism of the 2 varieties growing in different soils is pointed out. These differences are somewhat less pronounced when the 2 varieties are grown in the same soil. M. Huzh.

ZAKHAR'YANTS, I. L.

The metabolism of some desert plants. I. L. Zakhar'yants. *Trudy Inst. Botan. Akad. Nauk Uzbek. S.S.R.* 1955, No. 3, 47-62; *Ref. Zhur. Khim., Biol. Khim.* 1955, No. 17302. — A study was made of the carbohydrate metabolism of certain types of desert plants. The content of monoses of the assimilation organs of the plants ranges between 2 and 3% and of the starch between 1 and 1.6%. In the salt wort and the wormwood sucrose is being synthesized; in the ephemeral plants the sugars synthesized are of the maltose type. The content of cellulose and hemicellulose is highly variable. B. S. L. ing.

SHARDAKOV, V.S.; HUMOV, V.I.; ZAKHAR'YANTS, I.L.

Nikolai Dmitrievich Leonov; obituary. Uzb.biol.shur. no.6:91-92  
' 58. (MIRA 12:1)

(Leonov, Nikolai Dmitrievich, 1897-1958)

<sup>5</sup>  
ZAKHAR'YANFĖ, I. L.; RAKHIMOV, G.

Effect of gibberellin on the cotton plant. Uzb. biol. zhur. no.1:  
28-31 '61. (MIRA 14:3)

1. Institut botaniki AN UzSSR.  
(GIBBERELLIN) (COTTON)



ZAKHAR'YANTS, I.L.; NAABER, L.Kh.

Photosynthetic characteristics of cotton. Uzb.biol.zhur. no.6:32-36  
'61. (MIRA 15:2)

(Cotton) (Photosynthesis)

NAABER, L.Kh.; ZAKHAR'YANTS, I.L.

Photosynthetic characteristics of ephemeral plants in southern  
Kyzyl Kum. Bot. zhur. 46 no.8:1116-1124 Ag '61. (MIRA 15:1)  
(Kyzyl Kum--Plants, Effect of light on)  
(Photosynthesis)

YESIPOVA, I.V.; ZAKHAR'YANTS, I.L.

Chromatographic analysis of sugars in some plants vegetating in  
winter in the southern Kyzyl Kum. Uzb.biol.shur. 6 no.6:27-32  
'62. (MIRA 16:5)

1. Institut botaniki AN U~~S~~SSR.  
(KYZYL KUM—PLANTS—FROST RESISTANCE) (SUGARS)

ZAKHAR'YANTS, I.L.; IONESOVA, A.S.

Effect of assimilator accumulation on the photosynthesis in plants  
with various types of carbohydrate metabolism. Uzb. biol. zhur. 8  
no.4:19-23 '64. (MIRA 18:7)

1. Institut botaniki AN UzbSSR.

ZAKHAR'YANTS, I.L.; ZAKIROV, M.Z.; ALEKSEYEVA, L.N.; BERDYKULOV, Kh.A.

Photosynthesis of some dominant plant species in the southwestern Kyzyl  
Kum. Bot. zhur. 49 no.11:1571-1583 N '64.

(MIRA 18:1)

1. Institut botaniki AN Uzbekskoy SSR, Tashkent.

ZAKHAR'YANTS, M.S., inzhener; (MARIN, N.A., inzhener.

Device for eliminating "dead residue" from storage tanks.  
Neftianik 1 no.7:27-28 J1 '56. (MLRA 9:11)

1. Krasnodarskiy neftezavod.  
(Petroleum--Storage)

ZAKHAR'YANTS, N.A.

Species and seasonal variations of the Phlebotomus population of  
Kokand. Med.paras. 1 paras.bol. 27 no.5:596-598 S-0 '58.

(MIRA 12:1)

1. Iz parazitologicheskogo otdela Kokadnskey gorodskoy sanitarno-  
epidemiologicheskoy stantsii (glavnyy vrach R.Z. Levina, zav. otde-  
lom N.A. Sharyukova).

(INSECTS,

Phlebotomus, distribution in Russia, seasonal factor  
(Rus))

ZAKHAR'YANTS, N.A.; MAKSUDOV, A.S.

Results of the malaria control campaign in the city of Kokand from 1940 to 1949. Med. zhur. Uzb. no.3:56-61 Mr '61. (MIRA 14:5)

1. Iz parazitologicheskogo otdela (zav. - E.A.Sharyukova) sanitarno-epidemiologicheskoy stantsii Kokandskogo gorad'raivotdela.  
(KOKAND--MALARIA--PREVENTION)



ZAKHAR'YANTS, N.A.

Data on the fall phenology of *Anopheles maculipennis sacharovi* in Kokand in Uzbekistan. Med.paraz.i paraz.bol. 24 no.1:11-18 Ja-Mr '55.  
(MLRA 8:5)

1. Is Kokandskoy gorodskoy protivomalyariynoy stantsii (sav, stantsiyey A.N.Aliyev).

(ANOPHELES,

maculipennis, phenology during fall)

15-57-3-3385

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,  
p 134 (USSR)

AUTHORS: Blyumen, L. M., Stetsenko, N. N., Zakhar'yants, O. N.

TITLE: Glazed Ceramic Facing Tile Made From Local Raw Material  
(Oblitsovochnyye glazurovannyye keramicheskiye plitki  
na baze mestnogo syr'ya)

PERIODICAL: Tr. In-ta antiseysmich. str-va AN SSSR, 1956, Nr 1,  
pp 74-104

ABSTRACT: Clay and sandy clay deposits near Ashkhabad were tested  
for possible use in the manufacture of facing tile.  
The chemical compositions of the initial clays are given  
in the Table (in percents). Usually ground limestone or  
chalk in quantities of 25 to 30 percent is introduced  
into the ceramic paste. Local sandy clays rich in car-  
bonates are therefore used for their marl-producing  
effect (producing leanness). The Kalininskiye gliny (clays)  
might be used as the source of supply for the manufac-

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15-57-3-3385

Glazed Ceramic Facing Tile (Cont.)

ture of ceramic tile. This material has been treated with low-melting (easily fusible) glaze, both white and colored, at a firing temperature no greater than 1000°.

Name of clay	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub> +TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	K <sub>2</sub> O+ Na <sub>2</sub> O	SO <sub>3</sub>	Others	Total
Kalininskiy	63.52	15.38	4.44	4.44	4.53	--	0.85	6.11	99.27
Kelyatinskiy sample 1	61.08	18.56	6.24	0.50	3.54	4.88	0.07	5.07	9.91
Sandy Clay	48.2	12.4	3.9	15.0	4.50	4.00	3.5	--	--

Card 2/2

S. P. Sh.

DER'YAYEV, I.; ZAKHAR'YANTS, R.L.; ALLAKULIYEV, A.

Distribution of rheumatic fever among children in Ashkabad.  
Zdrav. Turk. 7 no.11:18-20 N°63 (MIRA 17:3)

ZAKHAR'YANTS, Yu. Z.

"Functional Character of the Muscles of the Shoulder and Shoulder Region of Athletes of Different Categories." Cand Biol Sci, State Order of Lenin and Order of Red Banner Inst of Physical Culture imeni P. F. Lesgaft, Leningrad, 1954. (KL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

ZHUKOV, Ye.K.; ZAKHAR'YANTS, Yu.Z.

Synchronized rhythm of action potentials during muscular activity in  
man. *Fiziol.zhur.* 45 no.9:1053-1059 S '59. (MIRA 13:1)

1. Institut Fizicheskoy kul'tury im. P.F. Lesgafta, Leningrad.  
(ELECTROMYOGRAPHY)

ZHUKOV, Ye.K.; ZAKHAR'YANTS, Yu.Z.

Electrophysiological data on some mechanisms for overcoming fatigue.  
Fiziol. Zhur. 46 no. 7:819-827 J1 '60. (MIRA 13:8)

1. From the Leagafit Institute of Physical Culture, Leningrad.  
(FATIGUE) (ELECTROMYOGRAPHY)

KOTEL'NIKOVA, Ye.G.; ZAKHAR'YANTS, Yu.Z.

Method for a complex electromyographic and biomechanical analysis  
of muscle work. Fiziol. Zhur. 46 no. 7:877-880 J1 '60.

(MIRA 13:8)

1. From the Chair of physiology of the Lesgaft Institute of  
Physical Culture, Leningrad.

(MUSCLES) (ELECTROMYOGRAPHY)



ZHUKOV, Ye.K.; ZAKHAR'YANTS, Yu.Z.

Physiological mechanisms of volitional actions. Vop. psikhol. 7  
no.6:127-135 N-D '61. (MIRA 15:1)

1. Kafedra fiziologii Instituta fizicheskoy kul'tury imeni P.F.  
Lesgafta, Leningrad.

(Movement, Psychology of)

SOKOLOV, P.N.; ZHUKOV, Ye.K.; ZAKHAR'YANTS, Yu.Z.

Comparison of the skeletal peculiarities of the lower extremities  
in athletes with the electrophysiological properties of the muscles.  
Arkhn. anat. gist. i embr. 40 no.2:42-48 F '61. (MIRA 14:5)

1. Kafedra anatomii (zav. - prof. A.A.Smirnov) i kafedra fiziologii  
(zav. - prof. Ye.K.Zhukov) Gosudarstvennogo ordena Lenina i ordena  
Krasnogo Znameni instituta fizicheskoy kul'tury imeni P.F.Lesgafta.  
Adres avtora: Leningrad, ul. S.Pérovskoy, 1/3, kv.80).  
(EXTREMITIES, LOWER) (ELECTROMYOGRAPHY)

ZAKHAR'YANTS, Yu.Z.

Electromyographic characteristics of the activity of antagonistic muscles at various degrees of stretching. Nerv. sist. no.4: 183-186 '63.  
(MIRA 18:1)

1. Institut fizicheskoy kul'tury, Leningrad.

ZAKHAR'YANTS, Yu.Z.

Electromyographic characteristics of muscular work with various  
loads and rate of movement in humans. Fiziol.zhur. 50 no.6:716-726  
Je '64. (MIRA 18:2)

1. Kafedra fiziologii Instituta fizicheskoy kul'tury imeni Lesgafta,  
Leningrad.